

## Message Text

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PAGE 01 MOSCOW 04802 01 OF 02 161216Z  
ACTION OES-07

INFO OCT-01 EUR-12 ISO-00 NSF-02 CIAE-00 INR-10  
NSAE-00 L-03 SS-15 COME-00 OC-06 CCO-00 /056 W  
-----006111 161232Z /14  
R 161148Z MAR 78  
FM AMEMBASSY MOSCOW  
TO SECSTATE WASHDC 9103

UNCLAS SECTION 01 OF 02 MOSCOW 04802

DEPT PASS MORRIS OES/APT/SEP

E.O. 11652: N/A  
TAGS: TGEN, UR, US  
SUBJECT: US-USSR S&T AGREEMENT: ELECTROMETALLURGY (01.03)

REF: STATE 45993

1. EMBASSY RECEIVED FROM SCST ON MARCH 15 A LETTER FOR  
TRANSMISSION TO DR. GRANT, U.S. ELECTROMETALLURGY JWG  
COORDINATOR. LETTER BEING POUCHED UNDER REGISTRY 1911706.  
INFORMAL SCIENCE OFFICE TRANSLATION FOLLOWS.

2. "DEAR PROFESSOR GRANT:

THANK YOU FOR YOUR LETTER OF FEBRUARY 13, 1978.

THE SOVIET SIDE AGREES TO YOUR PROPOSAL TO SEND TO THE USA  
FOUR GROUPS OF SPECIALISTS WITHIN THE PERIOD APRIL 16-30,  
1978 ON THE THEMES:

- ELECTRON BEAM EVAPORATION OF METAL AND NON-METAL MATERIALS  
IN A VACUUM (4 MEMBERS);  
-PLASMA-ARC SMELTING OF METAL MATERIALS (6 MEMBERS);  
- ELECTROSLAG TECHNOLOGY (5 MEMBERS); AND  
UNCLASSIFIED

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PAGE 02 MOSCOW 04802 01 OF 02 161216Z

- FUSION WELDING METALLURGY (6 MEMBERS).

I ENCLOSE THE LIST OF SITES WHICH WOULD BE USEFUL FOR OUR  
SPECIALISTS TO VISIT DURING THEIR STAY IN THE USA.

WE THINK IT ADVISABLE THAT ON APRIL 26 THE SOVIET SIDE OF  
THE WORKING GROUP (8-10 IN NUMBER) BREAK OFF THE TRIP AND

TOGETHER WITH THE AMERICAN SIDE OF THE WORKING GROUP HOLD THE SIXTH SESSION OF THE US-USSR JOINT WORKING GROUP ON ELECTROMETALLURGY FOR 2-3 DAYS. THEN THE REST OF THE SOVIET DELEGATION WILL JOIN THE WORKING GROUP TO DEPART TOGETHER WITH THEM TO THE USSR. IT WOULD BE USEFUL TO HAVE THE SOVIET AND AMERICAN SPECIALISTS DRAW UP AND AGREE WORK SCHEDULES ON EACH THEME DURING THE VISITS SO THAT THE WORKING GROUP SESSION COULD DISCUSS AND APPROVE THEM.

WE HAVE EXCHANGED PROPOSALS ON RENAMING THE WORKING GROUP AND I THINK THAT THIS QUESTION SHOULD BE INCLUDED IN THE AGENDA OF THE WORKING GROUP SESSION AND, UPON CONSIDERATION OF RECOMMENDATIONS, THE SIDES SHOULD COME TO A MUTUAL AGREEMENT.

THE SOVIET SIDE SHARES YOUR POINT OF VIEW THAT THE WORK PROGRAM FOR "METAL WORKING UNDER PRESSURE" SHOULD INCLUDE A WIDE RANGE OF QUESTIONS. WITH THE AIM OF EXPEDITING THE BEGINNING OF JOINT WORK ON THIS THEME, IT IS ADVISABLE THAT THE DRAFT PROGRAM BE PASSED TO THE SOVIET SIDE AT THE WORKING GROUP SESSION FOR ITS FURTHER DISCUSSION IN THE USSR.

THE SOVIET SIDE IS READY TO CONSIDER THE AMERICAN SPECIALISTS' OBSERVATIONS ON DRAFT PROGRAMS "MECHANISM OF UNCLASSIFIED

UNCLASSIFIED

PAGE 03 MOSCOW 04802 01 OF 02 161216Z

DESTRUCTION OF CONSTRUCTION MATERIALS" AND "SUPERPLASTICITY" SENT TO THE USA IN OCTOBER 1977 TO FIX THE DATES FOR A MEETING OF SPECIALISTS ON THESE THEMES AND TO DISCUSS WITH THE AMERICAN SPECIALISTS OTHER QUESTIONS OF MUTUAL INTEREST.

WE WOULD APPRECIATE IT, PROFESSOR GRANT, IF YOU WOULD SEND US AS SOON AS POSSIBLE THE ITINERARY FOR THE SOVIET SPECIALISTS (FOR THEIR TICKETING), AND INFORM US OF THE DATE AND THE PLACE OF THE SESSION OF THE US-USSR JOINT WORKING GROUP. SINCERELY, S. ANTONOV."

3. LIST OF SITES SOVIET SPECIALISTS WOULD LIKE TO VISIT DURING FORTHCOMING JWG ACTIVITIES:

- ELECTRON-BEAM EVAPORATION:  
INDUSTRIAL VACUUM ENGINEERING, SAN MATEO, CAL; UCLA;  
AIRCO TEMESKAL, BERKELEY, CA; BATTELLE PACIFIC NORTHWEST  
LABORATORIES, RICHLAND, WA; LOS ALAMOS SCIENTIFIC  
LABORATORIES, LOS ALAMOS, NM; AND ROCKY FLATS  
DIVISION, DOW CHEMICAL, GOLDEN, CO.

- PLASMA-ARC:

MIT; STANFORD UNIV; UNIV OF MICHIGAN, BATTELLE LABORATORIES,  
COLUMBUS, OHIO; US STEEL, PITTSBURGH; ALLEGHENY LUDLUM  
INDUSTRIES, BRACKENRIDGE, PA; AND MIDVALE-HEPENSTOLL  
CORP, PHILADELPHIA.

- ELECTROSLAG;

MIT; CABOT CORP, KOKOMO, INDIANA; UNIV OF ILLINOIS; LUKENS  
STEEL, PITTSBURGH; CONSARK CORP, RANCOCAS, NJ; AND  
CERTIFIED ALLOYS, LONG BEACH, CA.

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PAGE 01 MOSCOW 04802 02 OF 02 161211Z

ACTION OES-07

INFO OCT-01 ISO-00 EUR-12 NSF-02 CIAE-00 INR-10

NSAE-00 L-03 SS-15 COME-00 OC-06 CCO-00 /056 W

-----006040 161231Z /14

R 161148Z MAR 78

FM AMEMBASSY MOSCOW

TO SECSTATE WASHDC 9104

UNCLAS SECTION 02 OF 02 MOSCOW 04802

- FUSION WELDING:

US STEEL RESEARCH LABORATORY, MONROEVILLE, PA; WESTING-  
HOUSE ELECTRIC, PITTSBURGH; MATERIALS RESEARCH CENTER,  
LEHIGH UNIV; AIRCO WELDING PRODUCTS, CHESTER, WVIRGINIA;  
STANFORD UNIV; LAWRENCE LABORATORY, BERKELEY, CA;  
DEPARTMENT OF MATERIALS, UCLA; CATERPILLAR TRACTOR,  
MILWAUKEE; BESAIRUS-ERIE CO., MILWAUKEE; AND NATIONAL  
BUREAU OF STANDARDS, RESEARCH CENTER, GAITHERSBURG,MD.  
TOON

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## Message Attributes

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**Capture Date:** 01 jan 1994  
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**Review Markings:**  
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